

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Georgios B. Giannakis; Confirmation No. 1088
Liuqing Yang
Serial No.: 10/796,563
Filed: March 8, 2004 Customer No.: 28863
Examiner: Juan A. Torres
Group Art Unit: 2611
Docket No.: 1008-013US01
Title: SPACE-TIME CODING FOR MULTI-ANTENNA ULTRA-WIDEBAND
TRANSMISSIONS

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted
via the United States Patent and Trademark Office electronic filing system on August 7, 2007.

By: Beth M. Lindblom
Name: Beth M. Lindblom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449. This Information Disclosure Statement is being filed after a first Office Action on the merits but before a Notice of Allowance or a Final Rejection.

Applicant has enclosed a copy of each article cited. Copies of the U.S. patents are not enclosed as this requirement has been waived by the U.S. Patent Office.

Please charge Deposit Account No. 50-1778 the amount of \$180.00 to cover the required fee set forth in §1.17(p). Please apply any other charges or credits to Deposit Account No. 50-1778.

Respectfully submitted,

Date: August 7, 2007

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Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 1008-013US01		Application Number: 10/796,563	
		Applicant: Georgios B. Giannakis; Liuqing Yang			
		Filing Date: March 8, 2004		Group Art Unit: 2611	
		Examiner Name: Juan A. Torres			
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate	
	2001/0053175 A1	12/20/2001	Hector et al.		
	2003/0069025 A1	04/10/2003	Hector et al.		
	2003/0108133 A2	06/12/2003	Richards		
	2003/0198308 A1	10/23/2003	Hector et al.		
	2003/0198212 A1	10/23/2003	Hector et al.		
	6,744,832 B2	06/01/2004	Miao		
	2004/0156421 A1	08/12/2004	Yamaguchi		
	7,068,715 B2	06/27/2006	Hector et al.		
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)					
	Hovinen et al., "Ultra Wideband Radio Channel Modelling for Indoors," COST273 Workshop in Helsinki, 7 pages, May 29-30, 2002.				
EXAMINER			Date Considered		

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820
(Also form PTO-1449)

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